

*Abstract of the Disclosure*

A method of rationalizing the functioning of a fuel vapor pressure management system. The fuel vapor pressure management system is in fluid communication with a headspace of a fuel system, and the fuel system supplies fuel to an internal combustion engine of a vehicle. The method includes providing a fuel vapor pressure management apparatus detecting an absence of leaks with respect to the headspace, counting a number of leak detection tests performed by the fuel vapor pressure management apparatus, counting a number of occurrences of the fuel vapor pressure management apparatus detecting an absence of a leak, and evaluating the number of occurrences within a selected number of tests.